Attorney Docket No.

MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

are named below) of the subject ma	riginal, first and sole inventor (if atter which is claimed and for who-LUMINESCENCE ELEME	ich a patent is sought	on the inven	tion entitled:	ural inventors
The specification of which a. is attached hereto b. was filed on (in the case of a PCT-filed applicat amended on (if	tion) described and claimed in int fany), which I have reviewed and	ernational no. I for which I solicit a	United States	îleds patent.	(if applicable)and as as amended by
any amendment referred to above. Increby claim foreign priority beneficiate listed below and have althat of the application on the basis a. \(\) no such applications have be such applications have been	so identified below any foreign a of which priority is claimed: een filed. filed as follows:	pplication for patent o	or inventor's o	certificate having a fi	nt or inventor's ling date befor
FORI	EIGN APPLICATION(S), IF ANY, CL	AIMING PRIORITY UN	DER 35 USC §	119	•
COUNTRY	APPLICATION NUMBER	DATE OF FILING		DATE OF ISSUE	
Taiwan, R.O.C.	90108558	(day, month, year) 10/04/2001		(day, month, year)	
	IGN APPLICATION(S), IF ANY, FIL		RITY APPLIC	'ATION(S)	·
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)		DATE OF ISSUE (day, month, year)	
I hereby claim the benefit under Ti below and, insofar as the subject m manner provided by the first parag defined in Title 37, Code of Federa or PCT international filing date of	natter of each of the claims of this raph of Title 35, United States Coal Regulations, § 1.56(a) which o	s application is not dis ode, § 112, I acknowle	closed in the edge the duty	prior United States a to disclose material	application in the information as
U.S. APPLICATION NUMBER	DATE OF FILING (o	lay, month, year)	STATU	S (patented, pending, ab:	andoned)
I hereby claim the benefit under Ti	itle 35, United States Code § 119	(e) of any United State	es provisiona	al application(s) listed	i below:
U.S. PROVISIONAL A	PPLICATION NUMBER	DA	ATE OF FILIN	G (Day, Month, Year)	
L					

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

		(1)	prior art cited in search reports of a foreign patent office in a counterpart application, and
= Delieve	any pendi	(2) ing claim	the closest information over which individuals associated with the filing or prosecution of a patent application patentably defines, to make sure that any material information contained therein is disclosed to the Office.
Property States States	(b)	Under th	nis section, information is material to patentability when it is not cumulative to information already of record or application, and
eing r	nade of rec	cord in th	e application, and
		(1)	It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim
Ž			
		(2)	It refutes, or is inconsistent with, a position the applicant takes in:
			(i) Opposing an argument of unpatentability relied on by the Office, or
			(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

A 11	D . N. 40 401	The state of the s	D N- 41 040
Albrecht, John W.	Reg. No. 40,481	Leonard, Christopher J.	Reg. No. 41,940
Ali, M. Jeffer	Reg. No. 46,359	Liepa, Mara E.	Reg. No. 40,066
Anderson, Gregg I.	Reg. No. 28,828	Lindquist, Timothy A.	Reg. No. 40,701
Batzli, Brian H.	Reg. No. 32,960	Mayfield, Denise L.	Reg. No. 33,732
Beard, John L.	Reg. No. 27,612	McDonald, Daniel W.	Reg. No. 32,044
Berns, John M.	Reg. No. 43,496	McIntyre, Jr., William F.	Reg. No. 44,921
Black, Bruce E.	Reg. No. 41,622	Mitchem, M. Todd	Reg. No. 40,731
Branch, John W.	Reg. No. 41,633	Mueller, Douglas P.	Reg. No. 30,300
Bremer, Dennis C.	Reg. No. 40,528	Nichols, A. Shane	Reg. No. 43,836
Bruess, Steven C.	Reg. No. 34,130	Parsons, Nancy J.	Reg. No. 40,364
Byrne, Linda M.	Reg. No. 32,404	Pauly, Daniel M.	Reg. No. 40,123
Campbell, Keith	Reg. No. 46,597	Phillips, John B.	Reg. No. 37,206
Carlson, Alan G.	Reg. No. 25,959	Prendergast, Paul	Reg. No. 46,068
Caspers, Philip P.	Reg. No. 33,227	Pytel, Melissa J.	Reg. No. 41,512
Clifford, John A.	Reg. No. 30,247	Qualey, Terry	Reg. No. 25,148
Coldren, Richard J	Reg. No 44,084	Reich, John C.	Reg. No. 37,703
Daignault, Ronald A.	Reg. No. 25,968	Reiland, Earl D.	Reg. No. 25,767
Daley, Dennis R.	Reg. No. 34,994	Roberts, Fred	Reg. No. 34,707
Dalglish, Leslie E.	Reg. No. 40,579	Samuels, Lisa A.	Reg. No. 43,080
Daulton, Julie R.	Reg. No. 36,414	Schmaltz, David G.	Reg. No. 39,828
DeVries Smith, Katherine M.	Reg. No. 42,157	Schuman, Mark D.	Reg. No. 31,197
DiPietro, Mark J.	Reg. No. 28,707	Schumann, Michael D.	Reg. No. 30,422
Edell, Robert T.	Reg. No. 20,187	Scull, Timothy B.	Reg. No. 42,137
and the same of th	_	The state of the s	Reg. No. 33,280
Epp Ryan, Sandra	Reg. No. 39,667	Sebald, Gregory A.	-
Glance, Robert J.	Reg. No. 40,620	Skoog, Mark T.	Reg. No. 40,178
Goggin, Matthew J.	Reg. No. 44,125	Spellman, Steven J.	Reg. No. 45,124
Golla, Charles E.	Reg. No. 26,896	Stoll-DeBell, Kirstin L.	Reg. No. 43,164
Gorman, Alan G.	Reg. No. 38,472	Sullivan, Timothy	Reg. No. 47,981
Gould, John D.	Reg. No. 18,223	Sumner, John P.	Reg. No. 29,114
Gregson, Richard	Reg. No. 41,804	Swenson, Erik G.	Reg. No. 45,147
Gresens, John J.	Reg. No. 33,112	Tellekson, David K.	Reg. No. 32,314
Hamer, Samuel A.	Reg. No. 46,754	Trembath, Jon R.	Reg. No. 38,344
Flamre, Curtis B.	Reg. No. 29,165	Tunheim, Marcia A	Reg. No. 42,189
Harrison, Kevin C.	Reg. No. 46,759	Underhill, Albert L.	Reg. No. 27,403
Hertzberg, Brett A.	Reg. No. 42,660	Vandenburgh, J. Derek	Reg. No. 32,179
Hillson, Randall A.	Reg. No. 31,838	Wahl, John R.	Reg. No. 33,044
Holzer, Jr., Richard J.	Reg. No. 42,668	Weaver, Karrie G.	Reg. No. 43,245
Johnston, Scott W.	Reg. No. 39,721	Welter, Paul A.	Reg. No. 20,890
Kadievitch, Natalie D.	Reg. No. 34,196	Whipps, Brian	Reg. No. 43,261
Karjeker, Shaukat	Reg. No. 34,049	Whitaker, John E.	Reg. No. 42,222
Kettelberger, Denise	Reg. No. 33,924	Williams, Douglas J.	Reg. No. 27,054
Keys, Jeramie J.	Reg. No. 42,724	Withers, James D.	Reg. No. 40,376
Knearl, Homer L.	Reg. No. 21,197	Witt, Jonelle	Reg. No. 41,980
Kowalchyk, Alan W.	Reg. No. 31,535	Wu, Tong	Reg. No. 43,361
Kowalchyk, Katherine M.	Reg. No. 36,848	Xu, Min S.	Reg. No. 39,536
Lacy, Paul E.	Reg. No. 38,946	Young, Thomas	Reg. No. 25,796
Larson, James A.	Reg. No. 40,443	Zeuli, Anthony R.	Reg. No. 45,255
Leon, Andrew J.	Reg. No. 46,869	Zean, minory K.	1005. 110. 40,200
Lou, Andrew J.	Neg. 110. 40,009		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 *2355 2* I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2				
2	Full Name	Family Name	First Given Name	Second Given Name
	Of Inventor	CHUNG	Chia-Tin	
	Residence	City	State or Foreign Country	Country of Citizenship
	& Citizenship	Tou-Fen Chen, Miaoli Hsien	Taiwan, R.O.C.	Taiwan, R.O.C.
	Mailing	Address	City	State & Zip Code/Country
	Address	No. 165, Lane 676, Min-Tzu Rd.	Tou-Fen Chen, Miaoli H	sien Taiwan, R.O.C.
	p ^p			
igų	ature of Inventor 20	01: Chi - Tin Chuy	Par	July/17/2001
:	Full Name	Family Name	First Given Name	Second Given Name
	Of Inventor	HU	Chen-Ze	
	Residence	City	State or Foreign Country	Country of Citizenship
	& Citizenship	Chung-Ho City, Taipei Hsien	Taiwan, R.O.C.	Taiwan, R.O.C.
	Mailing	Address	City	State & Zip Code/Country
	Address	7F, No. 3, Lane 418, Ching-Hisn St.	Chung-Ho City, Taipei H	sien Taiwan, R.O.C.
i ,	k			
ign	nature of Inventor 2	02: Chanzern	/Da	T/17/2001
	Full Name	Family Name	First Given Name	Second Given Name
2 4, mg 9 m	Of Inventor	HWANG	Andrea	
	Of Inventor	- Chronia	India Ca	
<u> </u>	Residence	City	State or Foreign Country	Country of Citizenship
•	l .	1	Taiwan, R.O.C.	Taiwan, R.O.C.
:	& Citizenship	Changhua		State & Zip Code/Country
3	Mailing	Address	City	Taiwan, R.O.C.
	Address	No. 3, Lane 342, Yi-Hsin S. St.	Changhua	Talwam, R.O.C.
G*	<u></u>	02.	Da	te. /
Sigņ	páture of Inventor 2	U3: a 1 1 1 m	\mathcal{V}	0)/>0/20/
		andrea Itwang		0//20/2001
	Full Name	Andrea Hwang Family Name	First Given Name	Second Given Name
2	Full Name Of Inventor			
2			First Given Name Chen-Wei	
		Family Name		
	Of Inventor	Family Name HUANG	Chen-Wei	Second Given Name
0	Of Inventor Residence & Citizenship	Family Name HUANG City	Chen-Wei State or Foreign Country	Second Given Name Country of Citizenship
2 0 4	Of Inventor Residence	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien	Chen-Wei State or Foreign Country Taiwan, R.O.C.	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country
0	Of Inventor Residence & Citizenship Mailing Address	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C.
0 4	Of Inventor Residence & Citizenship Mailing	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country
0 4	Of Inventor Residence & Citizenship Mailing Address	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C.
0 4 Sign	Of Inventor Residence & Citizenship Mailing Address pature of Inventor 2	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C.
0 4 Sign	Of Inventor Residence & Citizenship Mailing Address	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C.
0 4 Sign 2	Of Inventor Residence & Citizenship Mailing Address pature of Inventor 2 Full Name Of Inventor	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun 204: Family Name	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F Da First Given Name	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C. tte: 07/31/200 Second Given Name
0 4 Sign	Of Inventor Residence & Citizenship Mailing Address pature of Inventor 2 Full Name Of Inventor Residence	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C.
0 4 Sign	Of Inventor Residence & Citizenship Mailing Address pature of Inventor 2 Full Name Of Inventor	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun 104: Family Name City	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F First Given Name State or Foreign Country	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C. Ite: O7/31/507 Second Given Name Country of Citizenship
0 4 Sign 2	Of Inventor Residence & Citizenship Mailing Address pature of Inventor 2 Full Name Of Inventor Residence	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun 204: Family Name	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F Da First Given Name	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C. tte: 07/31/200 Second Given Name
0 4 Sign	Of Inventor Residence & Citizenship Mailing Address pature of Inventor 2 Full Name Of Inventor Residence & Citizenship	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun 104: Family Name City	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F First Given Name State or Foreign Country	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C. Ite: O7/31/507 Second Given Name Country of Citizenship
0 4 Sigr 2 0 5	Of Inventor Residence & Citizenship Mailing Address pature of Inventor 2 Full Name Of Inventor Residence & Citizenship Mailing	Family Name HUANG City Liu-Chia Hsiang, Tainan Hsien Address No. 189, Lin-Feng Yin, Chung-Sho Tsun 104: Family Name City Address	Chen-Wei State or Foreign Country Taiwan, R.O.C. City Liu-Chia Hsiang, Tainan F First Given Name State or Foreign Country City	Second Given Name Country of Citizenship Taiwan, R.O.C. State & Zip Code/Country Taiwan, R.O.C. Ite: O7/31/507 Second Given Name Country of Citizenship